



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/699,221 Confirmation No.: 2799  
First Named Inventor: Constantin Bulucea Filing Date: 31 October 2003  
Group Art Unit: 2814 Examiner: Farahani, D.  
Atty. Docket No.: NS-5127-1D US  
Title: Design and Operation of Gate-enhanced Junction Varactor With Gradual Capacitance Variation  
Assignee: National Semiconductor Corporation

Mountain View, California  
3 April 2006

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**SUBMISSION OF FORMAL DRAWINGS**

Sir:

This is response to the recently mailed Notice Regarding the Drawings of the above patent application. The Notice specifies that it was mailed "11/30/2001". Inasmuch as (a) the above application was filed 31 October 2003, (b) the Form PTO-948 attached to the Notice is dated "3/13/06", and (c) Applicant's Attorney received the Notice on 17 March 2006, it appears that the Notice was actually mailed on or shortly after 13 March 2006.

Enclosed for the above application are twenty-five sheets of formal drawings consisting of Figs. 1a - 38, including new Figs. 14.1 and 14.2 whose addition to the drawings is requested in the accompanying Amendment to Drawings under 37 CFR 1.312. The enclosed drawings incorporate the revisions requested in (a) the Preliminary Amendment submitted 31 October 2003 and (b) the accompanying Amendment to Drawings. The reasons for adding Figs. 14.1 and 14.2 are presented in the accompanying Amendment to Text under 37 CFR 1.312. If the requested revisions to the drawings are acceptable, please substitute the enclosed drawings for the informal drawings now on file.

The eleventh sheet of formal drawings contains a formal version of original Fig. 14 and a formal version of new Fig. 14.1. The twelfth sheet of formal drawings contains a

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formal version of new Fig. 14.2 and a formal version of original Fig. 15. Inasmuch as an informal drawing sheet containing both of Figs. 14.1 and 14.2 has been submitted as a new drawing sheet via the accompanying Amendment to Drawings under 37 CFR 1.312, the eleventh and twelfth formal drawing sheets have each been marked "REPLACEMENT SHEET" as with the remainder of the formal drawings.

Please telephone Attorney for Applicant(s) at 650-964-9767 if there are any questions regarding these drawings.

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Respectfully submitted,



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